ZEPP BASEBALL USER GUIDE

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Getting Started

What's Included

Zepp Sensor

Bat Mount

Charger

Free Mobile apps for iOS & Android

Download on the App Store

GET IT ON Google play

iOS & Android Requirements

iPhone 4S+, iPad 2nd Generation+, iPod Touch 5th Generation

- iOS 7.0 or later
- Android - v4.1 or later

Downloading the Zepp Baseball App

You will need to download the free Zepp Baseball app to use your sensor or the video feature.

1. Click on the App Store or Google Play icon on your iOS or Android device.

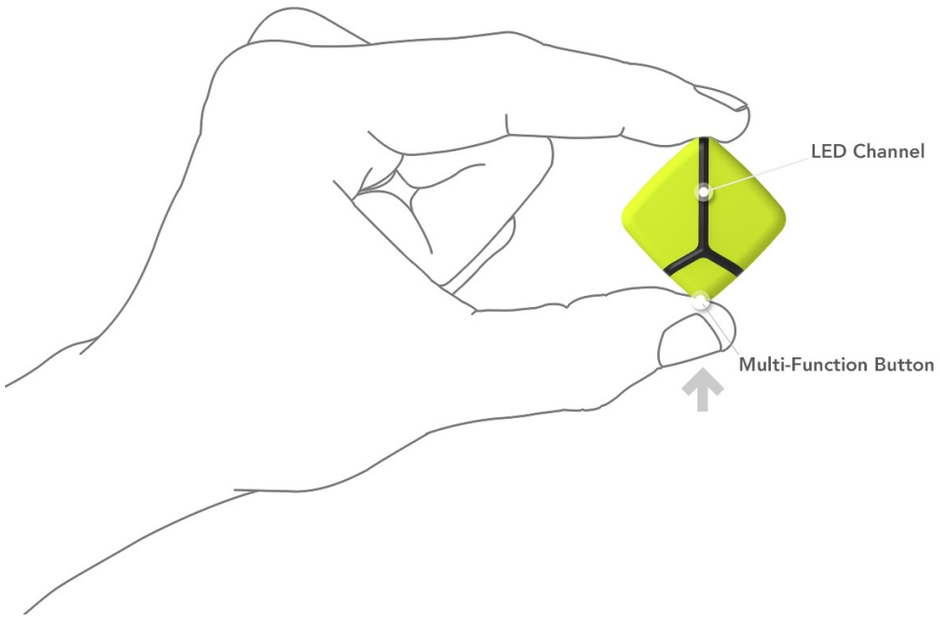
2. In the search toolbox, enter Zepp Baseball.

3. There will be an icon with an add feature that says "Free" for iOS users and "Install" for Android users. Click this icon. A new green icon will appear asking "Install App". Tap it.

4. Once the download is complete you can find Zepp Baseball on your device.

Turning on the Zepp Sensor

To turn it on, press in from the side towards the LED channel (see image below). You should feel the button push in slightly when you do this. Hold for at least 4 seconds when pushed in. If it doesn't turn on try holding a bit longer and adjusting your finger to the top corner.



Pairing the Zepp Sensor

Pairing an iOS Device

1. Select the Settings icon and then select Bluetooth. If Bluetooth is not enabled, turn it on.

2. Your iOS device will automatically search for Zepp. This may take up to 15-30 seconds. Once found, a pop up "Bluetooth Pairing Request" will appear. Select Pair.

3. When paired, your device will note Zepp “Connected”.

4. After connection has been established, another pop up will appear asking you to allow Zepp to communicate with the Zepp App. Select Allow.

5. From this point on, your iOS device will automatically pair with Zepp Baseball. Unless if you turn Bluetooth off or unconnected Zepp by selecting “Forget this Device”, you will not need to pair the device when you turn on your Zepp.

Pairing an Android device

1. Select the Settings icon and then select Bluetooth. If Bluetooth is not enabled, turn it on.

2. With some Android OS, you may receive a pop up message to let you know the Bluetooth is paring with your Zepp device. Select "OK".

3. It will take approximately 15-30 seconds for Zepp to pair with the device. When paired, your device will note Zepp “Paired”.

4. From this point on, your Android device will automatically pair with Zepp. Unless if you turn Bluetooth off or unconnected Zepp, you will not need to pair the device when you turn on your Zepp.

Note - The Zepp sensor can only connect to one mobile device at a time. If you would like to pair the sensor to a second mobile device, you must first un-pair it from the initial mobile device.

Getting to know the Zepp Sensor

Mount your Zepp Baseball Sensor

Start by attaching the mount to the knob of the bat. Once mounted to the bat insert the sensor into the mount and press firmly to ensure a secure fit.

Capture a Swing

Once you have established Bluetooth connection and mounted the sensor to your bat you're almost ready to capture a swing.

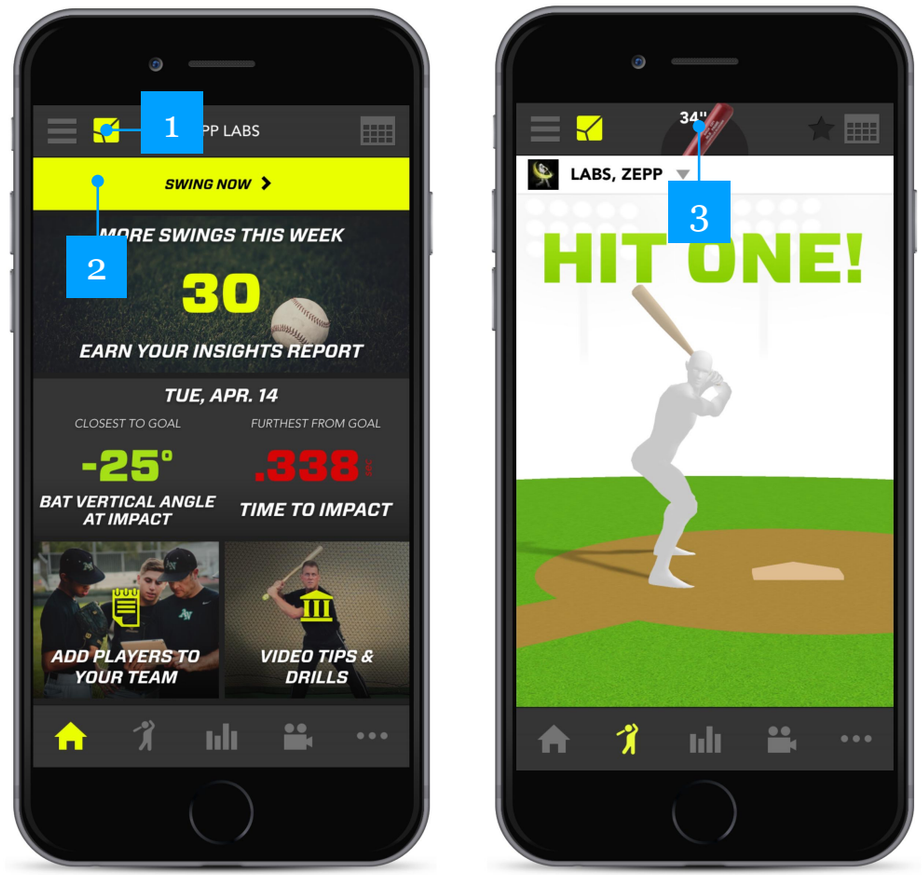
1. Open the app. Follow the steps to create your account if you haven't done so already.

2. Wait for the yellow sensor icon to appear and become solid in the upper left corner of the Home Screen. (1) Once the light becomes solid, the app will ask you to calibrate the sensor. We recommend calibrating the sensor prior to each swing session. If you are not asked to calibrate or wish to recalibrate the sensor, tap the yellow sensor icon.

3. Select "Swing Now" (2) to open the 3D view as this screen is the main swing screen. Once in the 3D view, select the bat you are using by tapping the bat icon in the located next to the calibration icon. (3)

4. Step up to the plate, take a swing, and make contact with the ball! Each time you make contact with a ball the app will replay your 3D swing within a few seconds.

   Note - Making **contact with a ball** is required to capture a swing.



Flash Storage Capability

The Zepp sensor is capable of working both when connected to the app (online mode) and when the app is not connected. (offline mode) For Zepp Baseball, it is recommended to operate in online mode (connected to app). In online mode the Zepp sensor is used when your connected to the app on your phone or tablet. All swings are stored immediately and saved to the app. If you lose connection or capture swings in offline mode all of your swings will be stored locally on the sensor until you reconnect to the app again.

Battery Life, Charging and Power

Battery Life

It is recommended to fully charge the sensor prior to use. This may take up to 2-3 hours. The battery will last up to 5.5 hours with continuous swing recording.

Charging

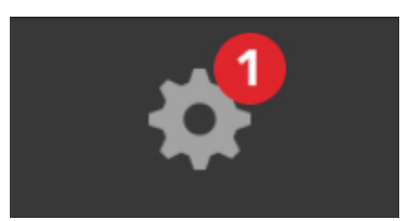
Place your sensor into the USB Charger included in the box, and plug the charger into any USB port. Charging your sensor will take approximately 2-3 hours. When charging is complete the light rotation of the sensor will show all 10 of the LED lights will light up for a moment followed by all 10 LED lights fading away. This cycle repeating while in the charger indicating a full charge.

Hibernate Mode

To save battery the sensor will enter a Hibernation Mode if it does not detect a swing or a button press for 5 minutes. Simply press the multi-function button or take a swing to wake the sensor out of hibernation mode. If you find that the sensor disconnects from the app during this time, press the multi-function button twice to reconnect to the app.

Firmware Updates

Zepp will periodically include firmware updates when updates to the app are released. Updating the firmware will improve accuracy and overall performance of the sensor. To check if a firmware update is available, sync the sensor to the app. If an update is available you'll see a red (1) hovering over the Settings icon as shown below. Enter the settings and select firmware update and follow the steps listed in the app. If firmware update does not appear in your settings, then your sensors firmware is up to date. This update will not take more than a few minutes to complete.



Multi-Sport Functionality

The Zepp sensor will work with all 3 Zepp sports apps: Baseball, Tennis, and Golf. Simply download the mobile app of choice and attach the sensor to the appropriate bat, racket or golf mount. To use the sensor for a different sport, connect your sensor to your mobile device and open the sport app of your choice. The app will ask you if you wish to change the sensor to the new sport mode. Select OK to begin the change process.

Favorite a Swing

The favorite feature allows you to keep track of all of the great swings you make. To favorite a swing with your sensor press in on the multi-function within 10 seconds of your swing. Alternatively you can select the star icon located in the top right corner next to the calendar icon for any selected swing.

Storage

The Zepp Baseball sensor can hold up to 2,000 swings when disconnected from the app. When connected to the app all swings will automatically transfer from the sensor to the app.

WARNING: If you have stored swings that have not been synced to an app prior to switching to a new sport they will be erased. You must upload the stored swings to the correct app prior to switching modes.

LED Indicator Lights

Your Zepp sensor features a display that consists of 10 LED indicator lights. These lights communicate a variety of feedback including battery status, searching to connect, firmware update mode, as well as lets you know that your sensor is powered.

Battery Status

Press in on the multi-function button one time to check the battery status. If less than four LEDs light up, this indicates a low battery. Charge your sensor for 2-3 hours.

Connect Mode

If you're having trouble connecting to Bluetooth press in on the multi-function button two times to put the sensor in Connect mode. The sensor will show 3 LEDs traveling back and forth across the LED channel.

Firmware Update Mode

Once the process for updating your sensors firmware is initiated through the app, the app will automatically power the sensor off. Once the sensor is powered on and until the firmware update is complete, the LED lights in position 3&6 / 4&5 will flicker back and forth consistently until the firmware update is completed.

Tracking Mode

The sensor is in Tracking Mode when it is on and the LED lights are running across the LED channel every 4 seconds.

Getting to know the Zepp App

What the Zepp Sensor Measures

Bat Speed at Impact

Bat Speed at Impact is the measure, in miles per hour (MPH) or kilometers per hour (KPH), of the velocity of the barrel of your bat when the bat impacts the ball.

Note - This is **NOT** the maximum bat speed of your swing.

Max Bat Speed

Max Bat Speed (Offered in the Chart located in the Bat Speed at Impact focus screen) is the max velocity the barrel of your bat travels during your swing. The faster your bat is traveling when you make solid contact with the ball, the farther the ball will travel.

3D Path

The bat path is the path takes as it extends along the arc of the swing away from the ball back through the hitting zone and up into your follow through. Bat path can be viewed with a 360 degree view on the 3D view by swiping your finger up, down, left, and right on the avatar.

Hand Speed Max

Hand Speed Max is the measure, in miles per hour (MPH), of the maximum velocity the bottom hand on the bat travels during the swing.

Time to Impact

Time to Impact is the amount of time (in seconds) from the start of your downswing until impact of the bat with the ball. The closer to ZERO your swing is, the quicker your bat is to the ball. The faster the time to impact, the longer the hitter can wait to start the swing. Time to Impact also measures how quick a user is, but while hand speed focuses on one specific part of their swing, Time to Impact measures their coordination of both their hands and the bat barrel to maximize efficiency to the ball.

Bat Vertical Angle at Impact

This is the Vertical angle (Up or Down) measured in degrees, of your bat barrel in relation to the knob of the bat, when it makes impact with the ball.

Attack Angle

Attack Angle is the direction the bat barrel is moving (Up or Down) at impact. A positive number would mean your barrel is going UP at impact, zero is LEVEL and a negative number is the barrel going DOWN at impact.

Home Screen

The home screen is the main landing page of Zepp Baseball. This page contains a quick snapshot on recent performance and quick links to various features.

3D View

Review and replay your swing captured by the Zepp sensor in 3D. Rotate and analyze your bat path from any angle by moving your finger left to right to navigate around the swing. Drag up or down to view from a top angle.

Dashboard View

The Dashboard View is the dashboard that shows you the results of the swing you are analyzing captured by the Zepp sensor. Metrics within the dashboard view include bat speed at impact, hand speed max, time to impact, bat vertical angle at impact and attack angle. Selecting any of these screens will open the specific metric's focus screen. Here you can view a video overview of the metric or a video with a tip and drill on how to improve on the selected metric.

Video View

Using your phone or tablet you can record a video to analyze a swing. There are two modes for video capture – auto & manual. Auto can only be used with users that are using a Zepp sensor at the time of swing capture whereas manual can be used by users that either do or do not have a sensor. To get started, tap the video camera icon located at the bottom of the 3D or dashboard view followed by the record icon. Go to the video settings by tapping the settings button at the top of the video view and choose whether you'd like to use a countdown timer (manual mode only), if you would like to enable the framing guide (recommended to be used so that your video playback matches the range that the Zepp Pros videos were captured), your dominant hand, and perspective you will be recording from. (Face on or Back View) Next, select whether you would like to manually record your swings by either having someone record you or via the count down option found in the settings. Users with a Zepp sensor can also choose the option to automatically record their swings. Once your are aligned with the framing guide either begin recording for the manual mode, or simply swing away when using the auto mode and each swing will be recorded in the app!

My History

Each swing recorded with or without a sensor in the Zepp app automatically and can be viewed at any time in your swing history. To view your history, tap the calendar icon in the top right corner of the 3D view. My History can also be viewed from the Main Menu screen by tapping “My History.”

Cloud Sync

Whenever you swing, your swing data will automatically and instantly appear on your smartphone or tablet. There’s no limit to how many swings you can store and analyze in the app. When you’re connected to WiFi or a 3/4G network your swings will automatically sync to the cloud. Cloud sync allows you to view your swing history when you sign in to the app from any mobile device.

Note - Cellular data usage is automatically enabled and can be turned off by visiting the settings section within the app located in the main menu. To disable cellular usage, simply slide “Only Sync On Wi-Fi” on.

Pro Players

Zepp Baseball has multiple Professional MLB player’s swings located in the Pro Players section of the app. Here you can review various players such as Mike Trout, David Ortiz, Giancarlo Stanton as well as Professional Softball Player Jennie Finch’s swings captured in 3D using the Zepp sensor. In addition, you can view a slow motion replay of their swing from the back or face on view and compare each of these replays in slow motion to your own swing captured in the app using the Zepp sensor or captured using the video tool!

Training Center

Located in the main menu, the Training Center features video tips and drills for both baseball and softball players to improve on each aspect of their swing. Tips and drills for baseball are provided by Major League hitting coach John Mallee. Similarly for softball, tips and drills are provided by head coach of University of Florida’s softball team Tim Walton and former UCLA head coach Sue Enquist.

Lab Reports

Lab Reports provide you with detailed analysis on your swing sessions and how you are performing against your goals each day you capture swings with your Zepp sensor. Additionally they are a way for you to review all tagged swings by Hit type, Hit direction as well as see average Ball Exit Speed and Power Score for users using a 3rd party radar device.

Zepp Insights

Zepp Insights is a feature built into a users lab reports. This report will take users who have captured at least 30 swings for a certain week and provide them with their top metric as well as a metric that can use improvement. Both of these measurements are calculated based on your swing performance for the week in comparison to your swing goals. The metric that averages nearest to its goal will be outlined as your top stat whereas the metric thats average is the furthest off is considered the recommended focus.

Swing Goals

Set Swing Goals according to your age or customize goals for each metric to track how each swing compares to your ideal metrics. Zepp generates an analysis of every swing based on your goals and color codes them according to how well you perform. Colors range from green (performing well), yellow (needs minor improvement) or red (needs major improvement). Using the Result Tagging feature along with your Lab Reports you can set goals based on your average metrics from previous hitting sessions. Once you have tagged multiple swings, select the date with the tagged information in your lab reports and at the bottom of the report you will have two options: “Want to hit more line drives?” or “Want to hit with more power?” Selecting you wish to hit more line drives will take all lines drives for the day, and apply the average of each metric to your swing goals (Must tag at least one line drive). Similarly, wanting to hit with more power will take your three most powerful exit speed swings and average the metrics as your swing goals.

Multi-Player Management

The Multi-Player feature of Zepp Baseball allows a coach or instructor to add any number of players under one master account. Here a coach can track, analyze, and view performance over time for all players. A brief overview of how to setup an account as a coach follows, and more detailed information, including videos and additional documentation can be found within the coaches center at www.zepp.com/coaches/baseball-softball

Add/Remove Players

To add or remove a player from your account, select “Players” from the main menu. To add a player, select the “ + “ sign located in the top right corner. To delete a player, select the player profile in which you would like to remove. Located at the bottom of their profile, select Delete Player.

Switch Between Players Capturing Swings

Capturing swing data for different players is done by selecting the player in the “Change Batter” tab located in the 3D view. Above the 3D avatar there is section that contains the name of the current player. To switch between players, simply select the name to open the "Change Batter” tab which contains all players. Select accordingly and swing! All swings will then be saved under that specific player’s account.

View a Player’s Swing History

To view swing data for a specific player, you must first select their profile under the “Change Batter” menu located in the 3D view. Once the player is selected, tap the calendar icon located in the top right corner of the 3D view. This will open the full history for the player and categorizes swings according to the day in which they were captured. Days highlighted blue indicate swing information exists within that day.

View a Player’s Lab Reports and Change a Player’s Swing Goals

Lab Reports contain averages for a particular player for all metrics each day swing information is captured. Lab reports for each player can be accessed by selecting Players located in the main menu. From here, select the player, followed by lab reports. Similarly, you can change a specified players swing goals from the players menu.

Sync Status

Sync status relates to whether a player has an email address associated with their player profile. It will also indicate whether they have accepted the sync request email that is sent when an email is added to a players account. This status does NOT indicate that a players swing information has synced with the cloud nor does it affect players swing information. Each of the Sync Status terms are defined below:

Not Synced - The player does not have an email address associated with their player profile

Pending - The player has an email address associated with their player profile, but they have not yet accepted the sync request email

Confirmed/Synced - The player has an email address associated with their player profile and they have accepted sync request email. Confirmed means that the player has not created their own account within the app. Synced indicates that the player has created their own account within the app

Inactive - The player has selected to un-sync their swing information with the admin account

Result Tagging

Result Tagging allows users using the Zepp sensor to connect their actual baseball hitting goals with their Zepp swing metric goals. Each time a player swings, a pop-up screen with swing tags will appear. Tags include hit type, hit direction and ball exit speed where Ball exit speed can be captured using a 3rd party radar device. After tagging swings, users receive a breakdown of their real world swing outcomes in the Lab Reports section indicating an overview of all tagged swings.

Control Center

The Control Center is the tab located in the bottom right corner of the 3D View and Dashboard View that contains three horizontal dots.

Compare a Swing

You can compare two of your swings with one-another, to another player, (users added under the Players menu) or with any of the Professional Baseball or Softball players found in the app. Users that have captured swing data using the Zepp sensor can compare the 3D rendering of their swing as well as any video recorded swings caught using the video tool to any professional's found in the app. Users without a sensor can compare the video views of their swings captured via the video tool to any of the professional's found in the app as well. This can be done in two separate areas of the app:

1) Select a swing you would like to compare so that you are viewing either the 3D or video view. Once viewing the swing, open the control center located in the bottom right corner of the 3D view, followed by selecting Compare.

2) From the main menu, select “Pro Players.” Located at the bottom of the Pro Players section, select Pro Compare. Here you can select to compare either two swings captured in your players history by locating the player under “users.” Alternatively you can compare any swing in you or your players library to any of the professionals found in the app.

Share a Swing

Swings can be shared via email, Facebook, Twitter or text from the 3D view. Find the swing that you would like to share and view the 3D view of the swing. From here, open the control center located in the bottom right corner and select “Share this Swing” followed by the channel that you would like to share your swing through. This feature is for swings captured using a Zepp sensor and will share a screenshot of the 3D view of your swing as well as the dashboard highlighting the swing’s metrics.

Delete a Swing

There are a couple different ways in which you can delete a swing. In your swing history, swipe right or left across the swing that you’d like to delete and tap delete. Alternatively, select the day in which you would like to delete swings and tap edit in the upper right corner of your swing history. Select the swings that you would like to delete followed by “Delete Selected Swings.” Lastly, you can delete a selected swing by selecting the swing so that you are viewing it’s 3D view followed by selecting the three horizontal dots in the bottom right corner of the app and tapping delete.

Screen Lock

To lock your screen while capturing swings, select “Screen Lock” located in the Control Center.

Low Battery Indicator

The Zepp Baseball app indicates when your sensor has low battery as shown below.

General Information & Specifications

App Updates

Zepp will periodically add new features, updates, and improvements to the Zepp Baseball app. It is recommended that you keep your Zepp Baseball app updated to the latest version.

Using your Zepp in Wet Conditions

Your Zepp sensor is water-resistant. It is sweat-proof, rain-proof, water resistant, and can function with light water exposure.

Customer Support

Troubleshooting and assistance for your Zepp Baseball can be found at: https://baseballsupport.zepp.com

Technical Specifications

Zepp uses 3 MEMS sensors to measure motion in its proprietary motion engine capture system. This motion engine is used to capture speed, tempo, backswing position and more.

Return Policy and Warranty

Zepp provides a one-year limited warranty. Under conditions of the warranty agreement provided with your Zepp, purchasers will be entitled to repair or replacement for defective Zepp units. This warranty begins from the date of initial purchase. Zepp may also choose to refund the purchase price of the unit to the purchaser. Warranty information and the Zepp online web store return policy can be found in the Zepp Support Center online at https://baseballsupport.zepp.com

Regulatory and Safety Notices

The symbol on the product or its packaging signifies that this product has to be disposed separately from ordinary household wastes at its end of life. Please kindly be aware that this is your responsibility to dispose electronic equipment at recycling centers so as to help conserve natural resources. Each country in the European Union should have its collection centers for electrical and electronic equipment recycling. For information about your recycling drop off point, please contact your local electrical and electronic equipment waste management authority or the retailer where you bought the product.

- Do not dispose of the Zepp sensor with household waste.
- Batteries are not to be disposed of in municipal waste stream and require separate collection.
- Disposal of the packaging and your Zepp should be done in accordance with local regulations.

For additional information on disposal and recycling, including contact details of a distributor in your region, please visit https://baseballsupport.zepp.com